

Product datasheet for **TA400030**

SH2D2A Mouse Monoclonal Antibody [Clone ID: OTI3C7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3C7
Applications:	FC, WB
Recommended Dilution:	FC
Reactivity:	Human, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SH2D2A(NP_003966) produced in HEK293T cell.
Formulation:	PBS (pH7.4) containing 50% glycerol, 0.1% BSA and 0.02% NaN3
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids by affinity chromatography
Conjugation:	DyLight 488
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42.8 kDa
Gene Name:	SH2 domain containing 2A
Database Link:	NP_003966 Entrez Gene 27371 Mouse Entrez Gene 718686 Monkey Entrez Gene 9047 Human Q9NP31
Background:	This gene encodes an adaptor protein thought to function in T-cell signal transduction. A related protein in mouse is responsible for the activation of lymphocyte-specific protein-tyrosine kinase and functions in downstream signaling. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Synonyms:	F2771; SCAP; TSAD; VRAP
Protein Pathways:	VEGF signaling pathway



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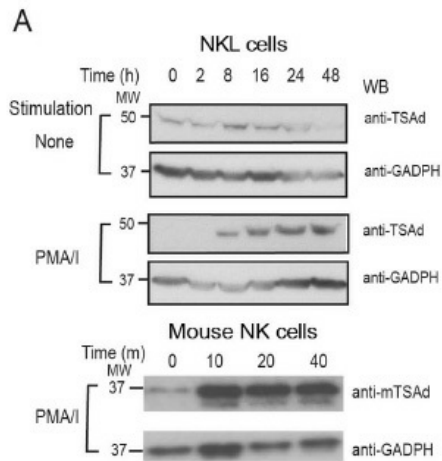
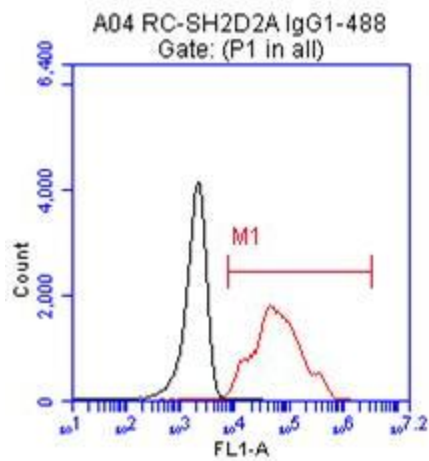
Product images:


Figure from citation: Western blot analysis of TSAd (also known as SH2D2A) protein level by using anti-SH2D2A antibody in human NK-L cell line was stimulated with 200 U/ml of IL-2 or 100 ng/ml of PMA and 500 ng/ml of onomycin (PMA/I) for the indicated time points. [View Citation](#)



HEK293T cells were transfected with SH2D2A cDNA. After 48 hours, the cells were detached and fixed with 2% formaldehyde for 30 min, then permeabilized with 0.1% triton-X100. The cells were then stained with Dylight488 conjugated mouse IgG1 (black line) or Dylight488 conjugated SH2D2A antibodies (red line).